

COMPOUNDS AND METHODS FOR THE DIAGNOSIS
AND TREATMENT OF *B. MICROTI* INFECTION

ABSTRACT OF THE DISCLOSURE

Compounds and methods for the diagnosis and treatment of *B. microti* infection are disclosed. The compounds provided include polypeptides that contain at least one antigenic portion of a *B. microti* antigen and DNA sequences encoding such polypeptides. Antigenic epitopes of such antigens are also provided, together with pharmaceutical compositions and immunogenic compositions comprising such polypeptides, DNA sequences or antigenic epitopes. Diagnostic kits containing such polypeptides, DNA sequences or antigenic epitopes and a suitable detection reagent may be used for the detection of *B. microti* infection in patients and biological samples. Antibodies directed against such polypeptides and antigenic epitopes are also provided.